



STATE OF MARYLAND

DHMH

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Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

Office of Preparedness & Response

Sherry Adams, R.N., C.P.M., Director

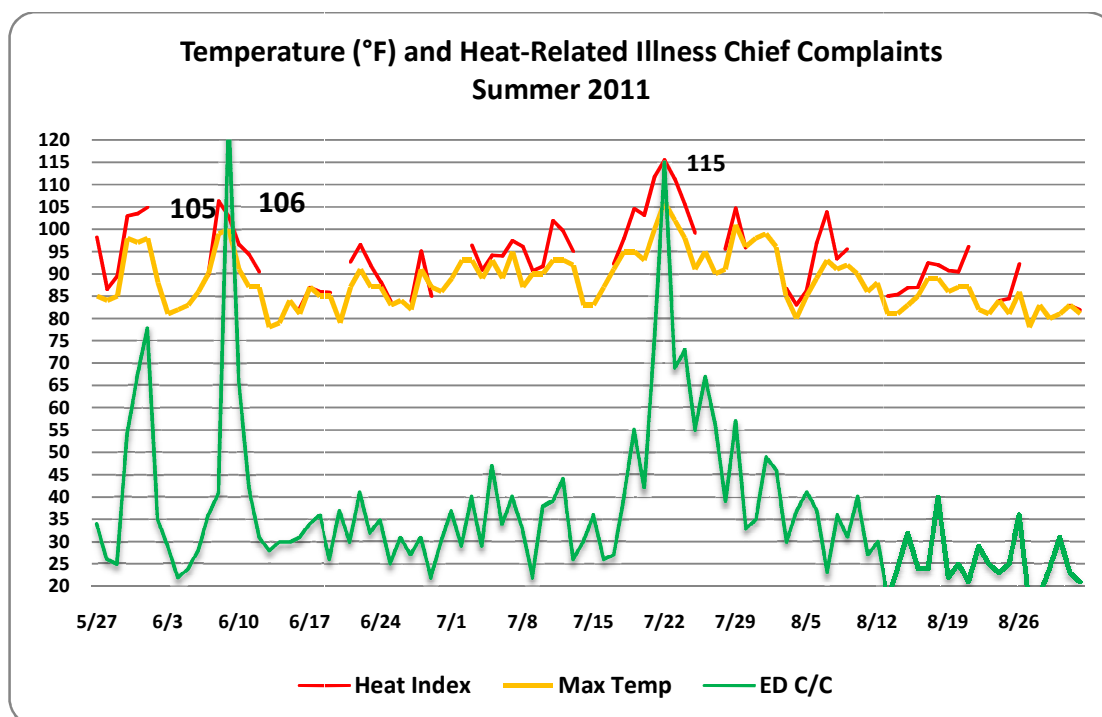
Isaac P. Ajit, M.D., M.P.H., Deputy Director

2011 Heat-related Illness Surveillance Report

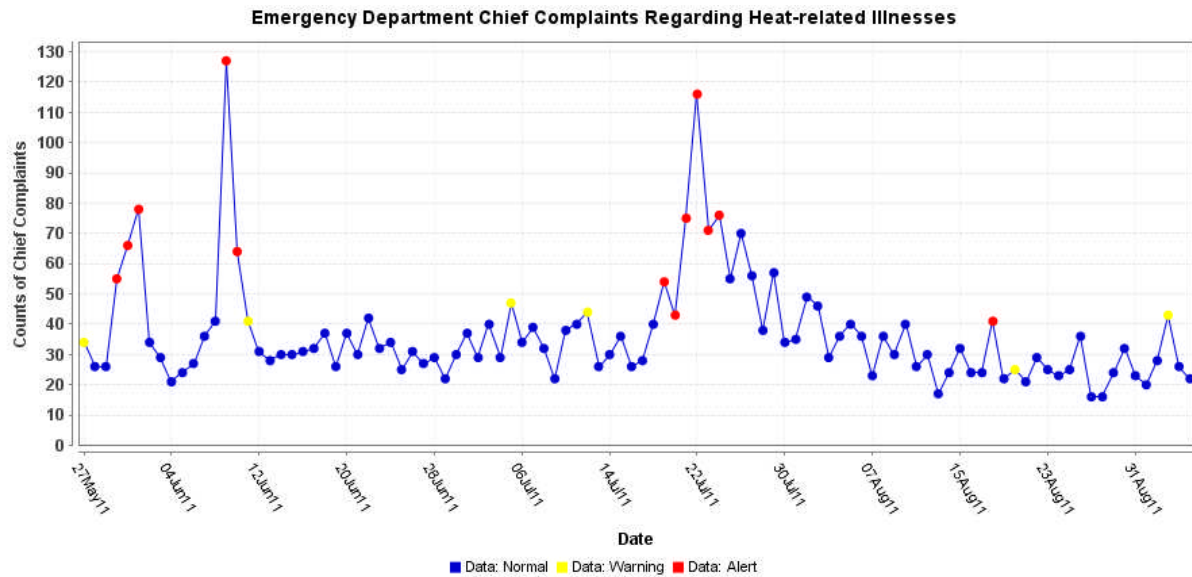
October 18, 2011

Reporting for 05/27/11 through 09/05/11

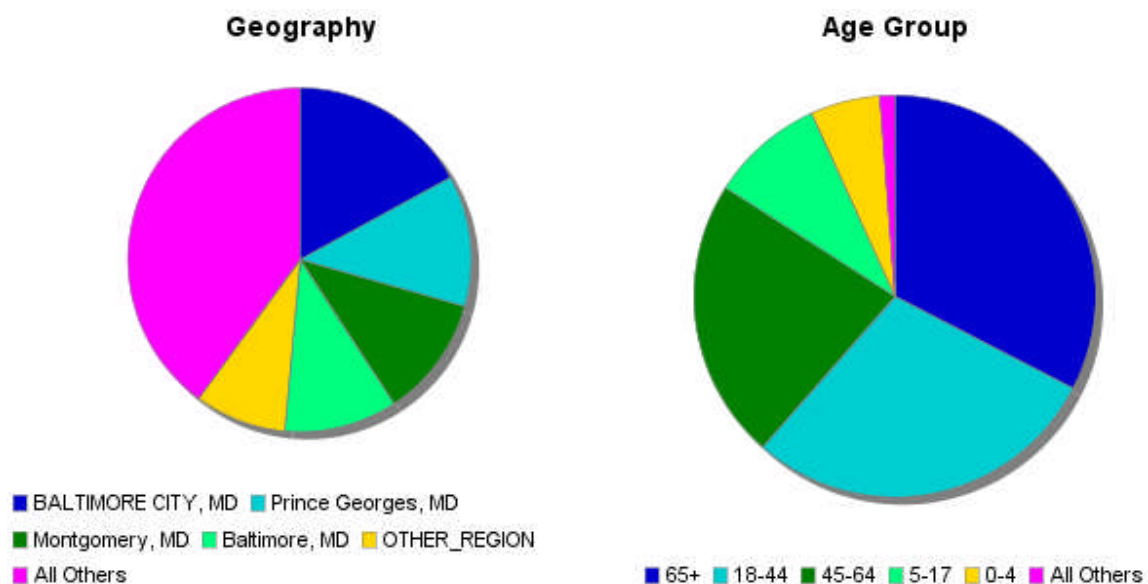
Total Heat Advisories Declared: 12 (May = 2, June = 3, July = 7)



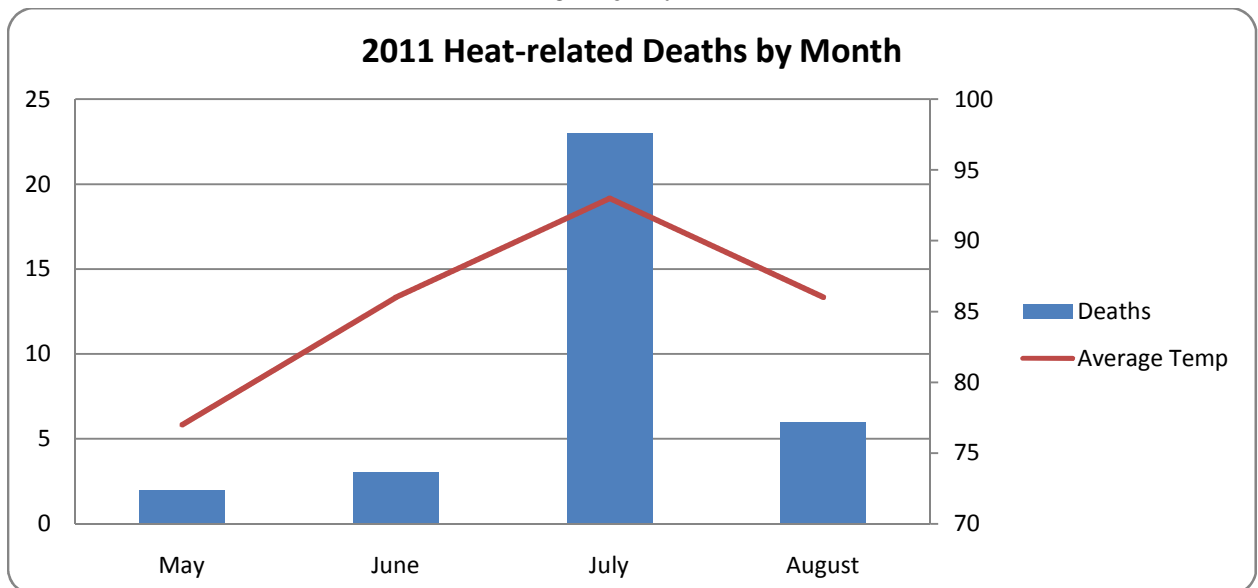
Note: Heat indices can only be calculated with a temperature above 80°F and humidity over 43%



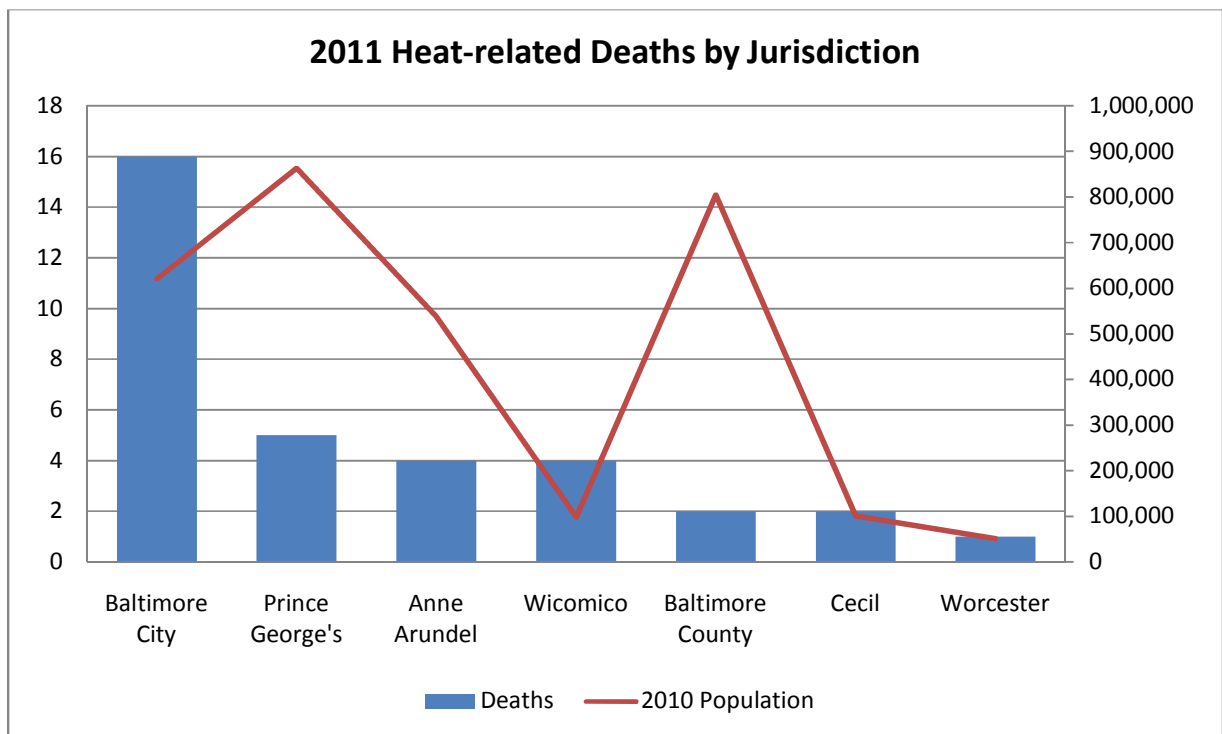
Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for May 27 – September 5, 2011



There were a total of 34 heat-related deaths in Maryland during the summer of 2011.



Note: The summer of 2011 had the hottest month of July on record.



Heat Advisory Criteria: A Heat Advisory was made for heat index values of 105°F or greater. Heat Advisories may have been issued for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.¹

Note: The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat.

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¹ NWS Heat Index Chart: http://www.weather.gov/om/heat/images/heat_index.png